

**KEEP 'EM ROLLING
IN AND OUT OF YOUR DOCK
EASIER, FASTER AND SAFER
WITH PATENTED
AMERICAN DOCKBRIDGE**



AMERICAN DOCKBRIDGE, INC. 6001 S. PENNSYLVANIA AVE
CUDAHY, WISCONSIN 53110



REASONS WHY AMERICAN DOCKBRIDGE® IS THE NATION'S FOREMOST MANUFACTURER OF TORSION BAR HINGED LIP DOCKBOARDS

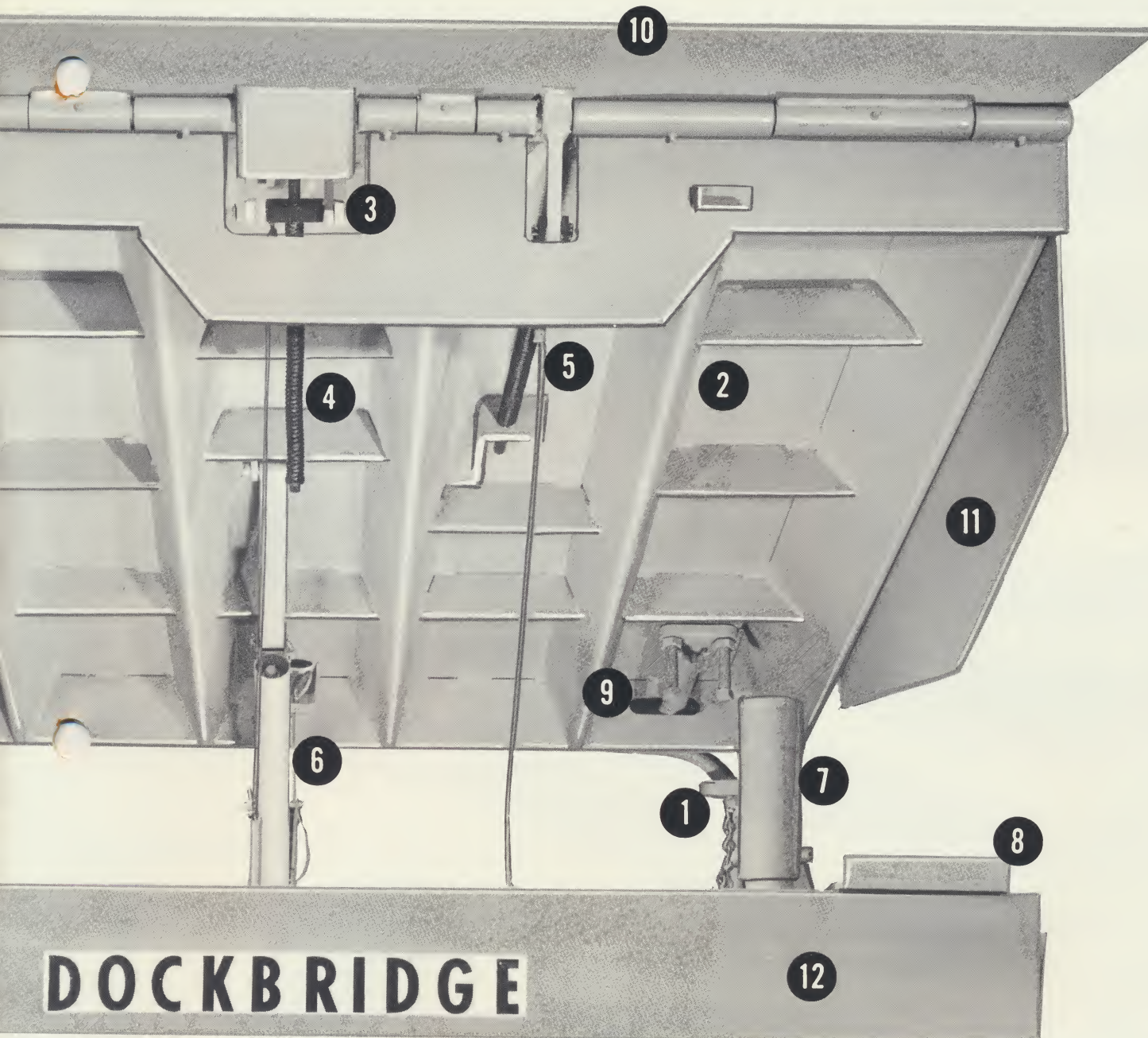
PATENTED DIRECT TORSION BAR POWER

**PATENTED AUTOMATIC LIP RELEASE WITH
YIELDABLE LIP SUPPORTING MECHANISM**

PATENTED 100% POSITIVE SAFETY STOPS



- 1. Patented Direct Torsion Bars**
Direct Torsion Bar Power eliminates 80% of moving parts and required service.
- 2. Greater Capacity**
Guaranteed 25,000-lb. capacity with "V" Girder understructure and intermediate gussets.
- 3. Automatic Lip Release**
Hinged-Lip automatically unlocks when servicing truck and folds down behind rubber bumpers when truck leaves.
- 4. Patented, Yieldable Lip Support Mechanism** — Entire lip mechanism spring loaded to allow it to fold into downward position should truck back into extended hinged-lip.



5. Counterbalanced Lip

Effective lip weight reduced by 83% assuring **constantly** smooth lip action.

6. Positive Elevator Control

Positive rack and gear assembly securely locks ramp in any position. Allows lip to HUG bed of truck when loading and ramp to float up with truck bed when unloading.

7. Patented 100% Positive Safety Legs — Standard Equipment

Patented Safety Legs prevent ramp from falling more than 1½" below dock level should truck inadvertently pull out with a load on the ramp.

8. Pilfer Proof

Angle traffic legs prevent unauthorized entry into building by anyone attempting to lower Dockbridge from outside.

9. Torsion Bar Adjustment

Each of the two torsion bars are mounted to the underside of the ramp to allow ample adjustment should more tension be required.

10. Greatest Lip Strength

Entire lip constructed of ½" thick USS Tri-Ten Steel... (equal to 1" thick mild steel). Guarantees no lip bowing or bending.

11. Toe-Guards

Sturdy steel "toe guards" protect operators from injury. Standard on all Dockbridge boards.

12. Solid Steel Frame

Extra-heavy angle steel frame rigidly reinforced makes the Dockbridge the most rugged dockboard available.

Provision for Tilt

Elongated hinge loop provides more than 4" at tilt adjustment to serve canted trucks.

How Dockbridge Increases Your Material Handling Flow

Smoooooth Operation

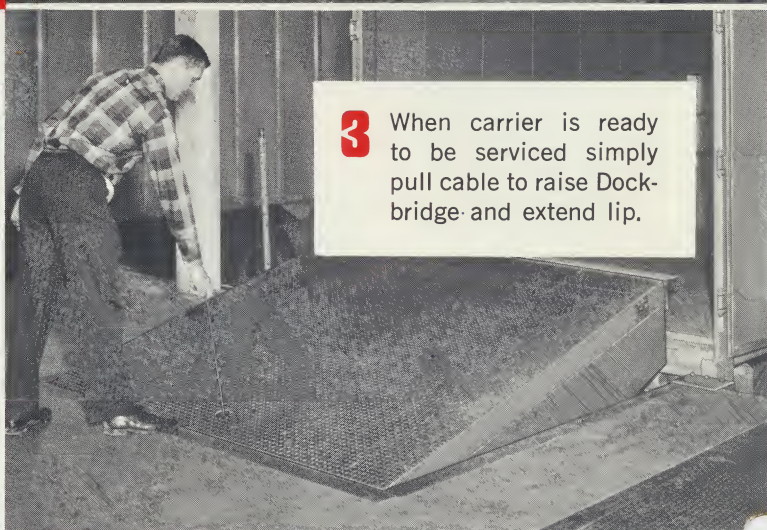
American Dockbridge outsells and outperforms all other Torsion Bar Hinged Lip Dockboards because of simplicity of design, elimination of excessive moving parts and extra safety features.



1 Spot carriers anytime — day or night. No need to open overhead doors.



2 Handle rear end loads easily and safely before extending lip into bed of truck.



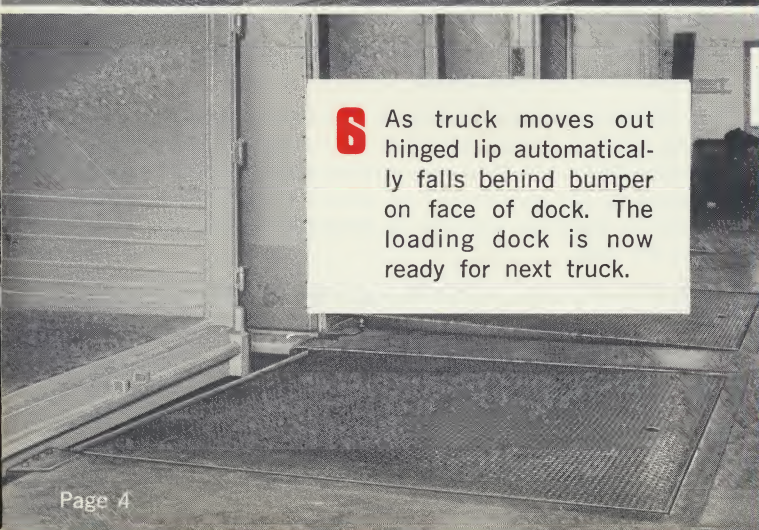
3 When carrier is ready to be serviced simply pull cable to raise Dockbridge and extend lip.



4 Next walk onto Dockbridge to lower unit so hinged lip rests firmly on truck bed.



5 Dockbridge now bridges the gap between truck and dock, forming a smooth, easy grade.



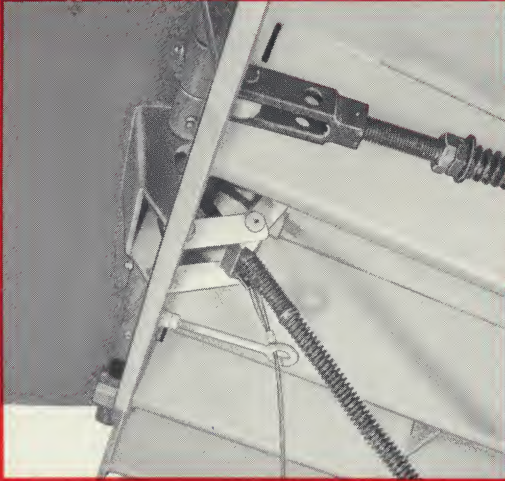
6 As truck moves out hinged lip automatically falls behind bumper on face of dock. The loading dock is now ready for next truck.

NO SERVICE CONTRACT REQUIRED

The simplicity of design, elimination of moving parts and sturdy construction makes American Dockbridge the most trouble-free dockboard you can use. Others have standardized on selling service contracts with each dockboard. American Dockbridge is virtually service-free.

PATENTED YIELDABLE LIP SUPPORT

Unlike any other mechanical dockboard it is impossible to damage any of the mechanism if a truck backs into the extended lip on the American Dockbridge Torsion Bar Hinged Lip Dockleveler.



The lip support mechanism is spring loaded allowing the lip to be completely folded downward by a truck backing into lip—without doing any damage to the Dockbridge mechanism, dock, or the truck itself.



If truck backs into extended lip, the lip begins to fold *downward*.



As truck continues backwards, the lip continues to fold *downward*.



Truck has completely folded lip doing no damage to Dockbridge, dock or truck. Dockbridge can simply be activated in accordance with the operation instructions on page 4.

Specifications: Model 65, 6' x 5' / 66, 6' x 6' / 76, 7' x 6' / 68, 6' x 8' / 78, 7' x 8' / 610, 6' x 10'

I. GENERAL: Torsion Bar Hinged Lip Dockbridge with torsion bars as its source of power and no hydraulics, electric motors, coil springs or mechanical linkage to raise the ramp. Lip to be 16" long, to protrude 12" beyond the face of the rubber bumpers and to retract behind face of dock when not in use. Ramp lip extended to travel 30" above dock-level and 11" below. Ramp to be operated by pull-cable arrangement. Unit to be self-contained, completely assembled, tested and ready for installation as manufactured by American Dockbridge, Inc., Milwaukee, Wisconsin. Included are 2 rubber bumpers and wood back up blocks. Unit conforms to U.S. Department of Commerce Commercial Standards CS 202-56.

II. RAMP SIZE: Ramp to be . . wide by . . long, for Model

III. MATERIAL: Steel plates and structural shapes to conform to ASTM A7 and ASTM A36 except lip to be U.S.S. Tri-Ten. Torsion Bars to conform to SAE 5160-H.

IV. YIELDABLE LIP SUPPORT: Lip support mechanism to be yieldable when extended lip is contacted by incoming truck.

V. ELEVATOR CONTROL DEVICE: To be a positive rack and

modified pinion assembly—not a friction or inclined plane brake mechanism.

VI. CAPACITY: 25,000 pounds in loading position resting on truck bed; 25,000 pounds when in cross traffic position. Note: Model 65 rated capacity, 14,000 pounds.

VII. PRODUCT FINISH: All components to be cleaned of weld slag, spatter, rust, oil and grease before painting one coat standard color, oil base paint.

VIII. INSTALLATION: Unit shipped completely assembled and tested, ready to install, furnished with complete instructions for installation, operation and maintenance. Recessed model installed in pit constructed by others in accordance with dimension drawings supplied by American Dockbridge, Inc., Plate No. XXII.

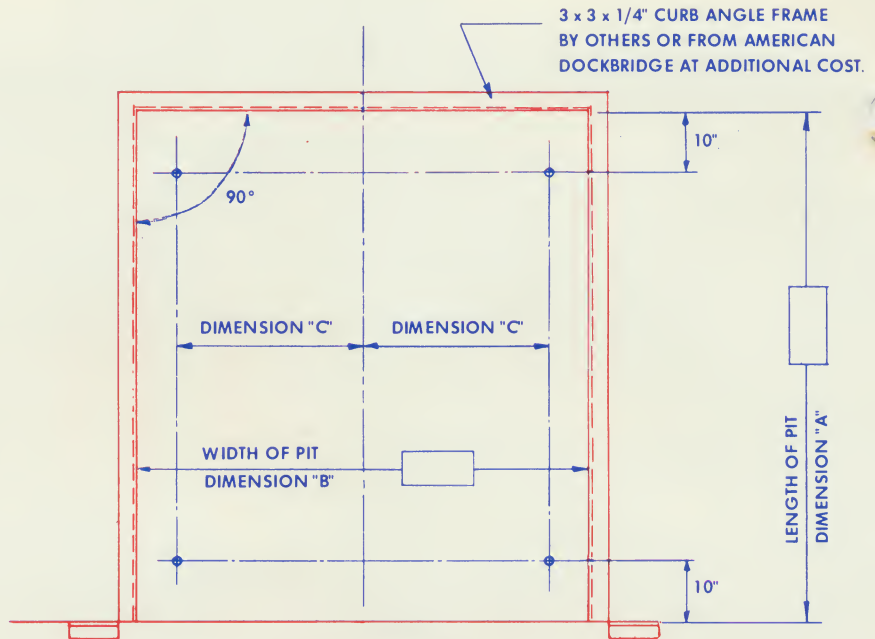
IX. WARRANTY: Each unit warranted against defects in workmanship and material for a period of one year.

The specifications and standard or optional equipment described herein were in effect at time of printing. American Dockbridge, Inc. reserves the right to change specifications, standard or optional equipment, or discontinue models at any time without notice and without incurring obligation.

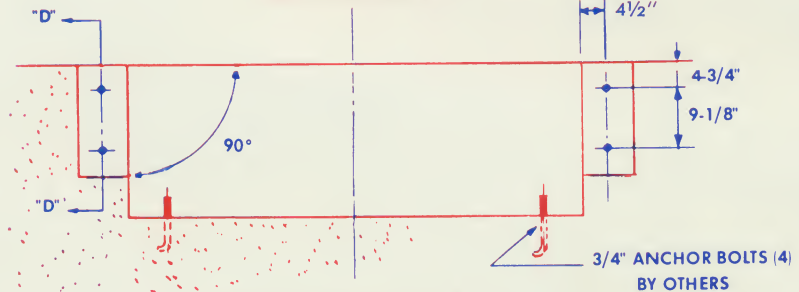
TORSION BAR DOCKBRIDGE

Pit details
for Torsion Bar
Dockbridge Hinged-lip
Loading Ramps

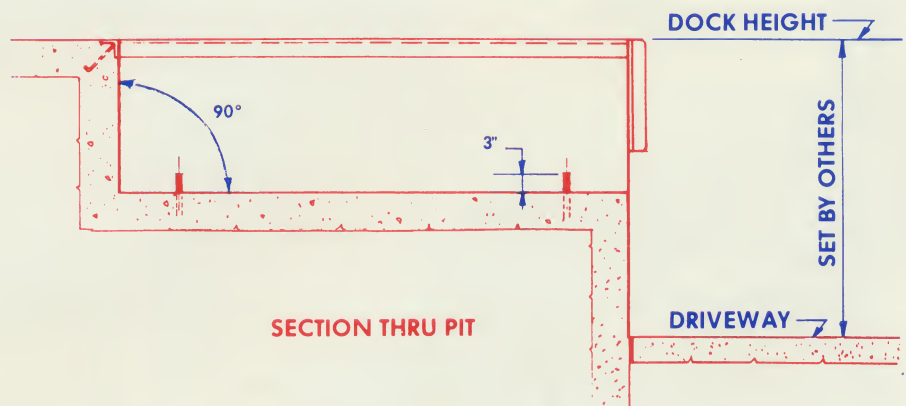
Model 65 / Model 66
Model 76 / Model 68
Model 78 / Model 610
Plate XXII.



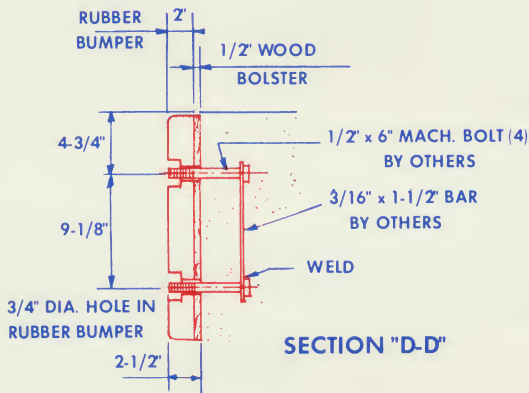
PLAN VIEW OF PIT



FRONT ELEVATION OF PIT



SECTION THRU PIT



DIMENSION DATA:

MODEL	SIZE Width x Length	PIT CONSTRUCTION DIMENSIONS			
		Width "B"	Length "A"	Depth	Bolts "C"
65	6'0" x 5'0"	6'1"	4'1"	2'-0 1/2"	2'6"
66	6'0" x 6'0"	6'1"	4'10"	2'-0 1/2"	2'6"
76	7'0" x 6'0"	7'1"	4'10"	2'-0 1/2"	3'0"
68	6'0" x 8'0"	6'1"	6'10"	2'-0 1/2"	2'6"
78	7'0" x 8'0"	7'1"	6'10"	2'-0 1/2"	3'0"
610	6'0" x 10'0"	6'1"	8'10"	2'-0 1/2"	2'6"

DISTRIBUTED BY:

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LATHAM, N. Y.
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DRAWBRIDGE

TORSION BAR DOCKBOARD

FOR **BI-LEVEL** TERMINAL DOCKS



A multiple installation of DRAWBRIDGES at Western Gillette's Memphis terminal. Because of tremendous operating advantages of the DRAWBRIDGE, Western Gillette ordered *additional units* for Tulsa and other terminals.



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A DRAWBRIDGE dockleveler is a necessary and permanent part of modern material handling and is specially designed for more efficient operation of busy bi-level terminal docks.

Outstanding Features

Self-Leveling and Balancing Ready for instant use with one-man operation. Bi-level operation allows all truck doors to be opened or closed at terminal dock saving up to 3 minutes per truck.

Exclusive Safety Curbs Sturdy, welded 3" safety curbs on each side of DRAWBRIDGE help prevent lift truck operator from inadvertently driving off ramp into lower level.

Exclusive Vertical Stop When not in use, DRAWBRIDGE ramp remains in absolute perpendicular position . . . allowing dockboard to be mounted immediately adjacent to overhead doors.

Extra Strong, Extra Safe The DRAWBRIDGE gives you a full 14,000 lb. capacity in loading

position. Sturdy all-steel construction provides extra weight and strength. No danger of sliding plates as DRAWBRIDGE is permanently anchored to dock.

DRAWBRIDGE Fold-Down Lip Lip folds down into safety channel behind bumpers to permit easy removal of end loads . . . saves time. Full 18" lip reaches into *any* truck.

Prevents Pilferage Merchandise is protected from loss or damage because truck doors stay closed, and seals are applied or broken at dock.

SIMPLE OPERATION Trouble-free Torsion Bar eliminates both complex machinery and 85% of the moving parts used in regular dockboards . . . saves on maintenance costs.

How the
DRAWBRIDGE
operates . . .
to cut your terminal
material handling costs

1

Open truck doors.

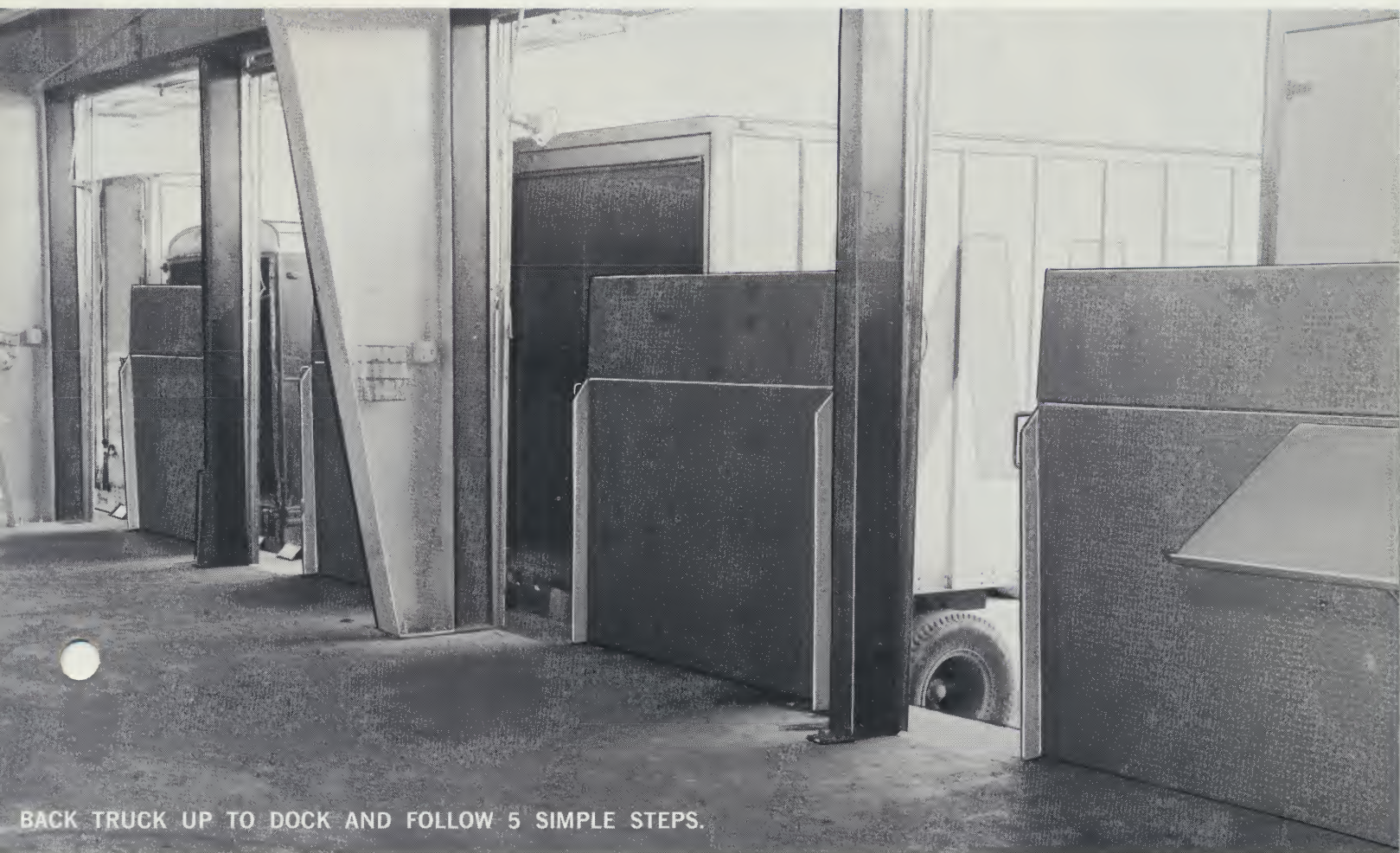


2

Lower DRAWBRIDGE
into bed of truck.



BRIDGE



BACK TRUCK UP TO DOCK AND FOLLOW 5 SIMPLE STEPS.

3

Load or unload material.



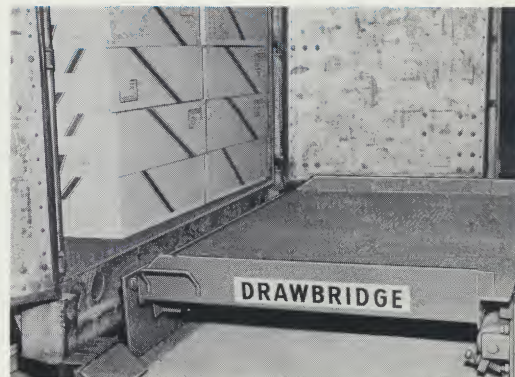
4

For end loading — fold lip and lower DRAWBRIDGE.



5

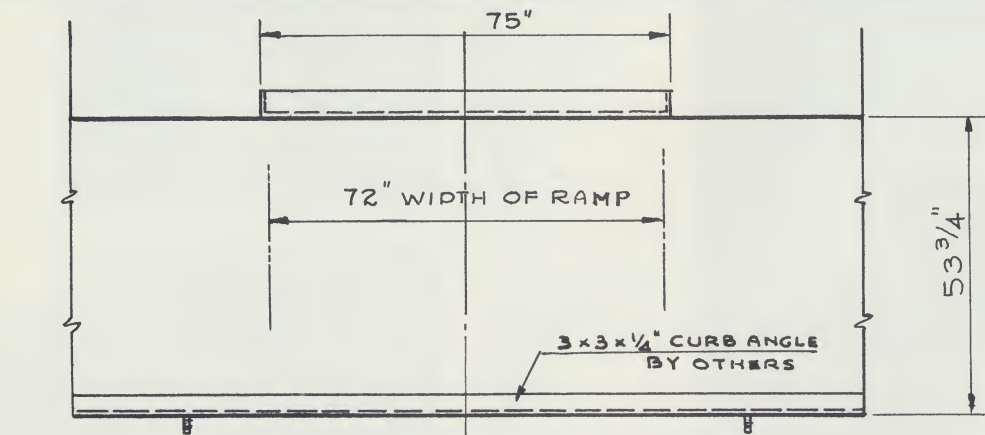
DRAWBRIDGE is now in position for end loading.



DRAWBRIDGE

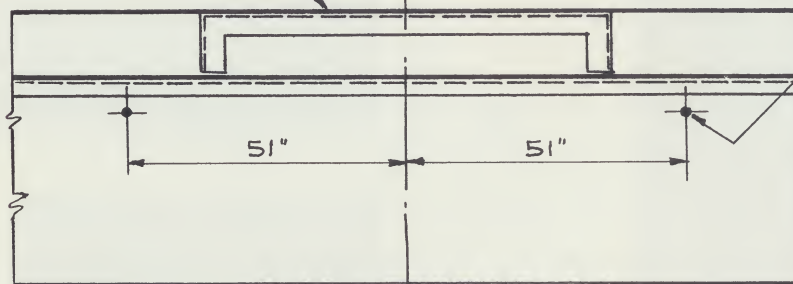
PIT DETAILS F

PLATE XXX MODEL T-1

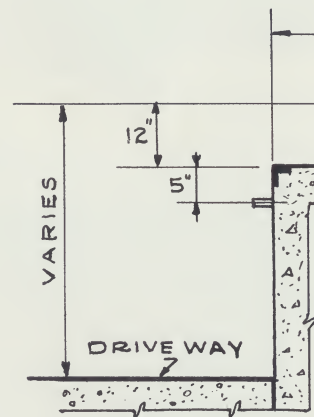


•PLAN VIEW•

4x4x1/4 ANGLE FRAME
BY DOCKBRIDGE

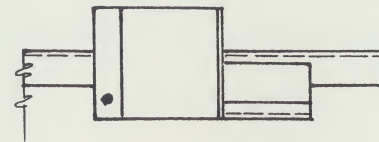


•ELEVATION•

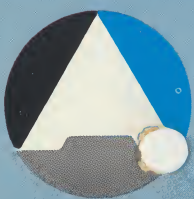


•CURB

5/8" ϕ x 6" ANCHOR BOLTS (2)
PROJECT 1 3/4" FULL THD.
BY OTHERS



•DETAIL OF

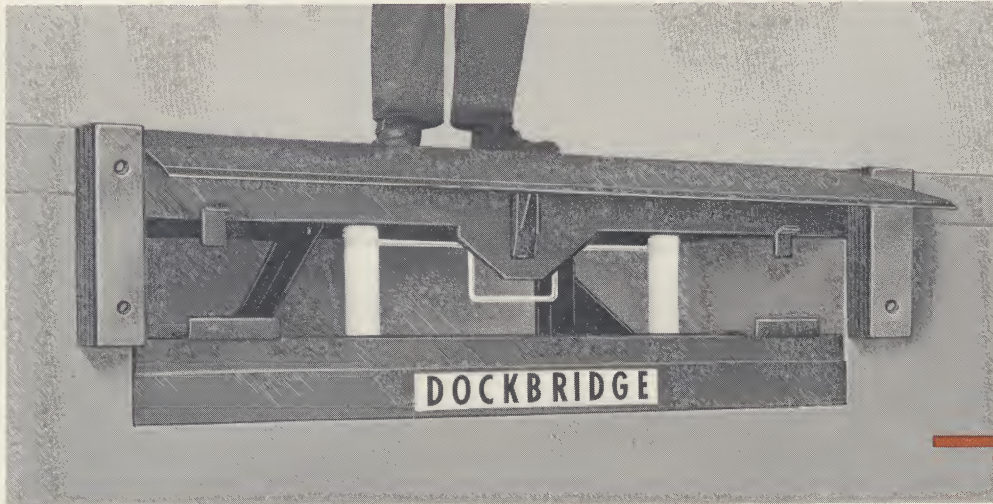


AMERICAN DOCKBRIDGE, INC.

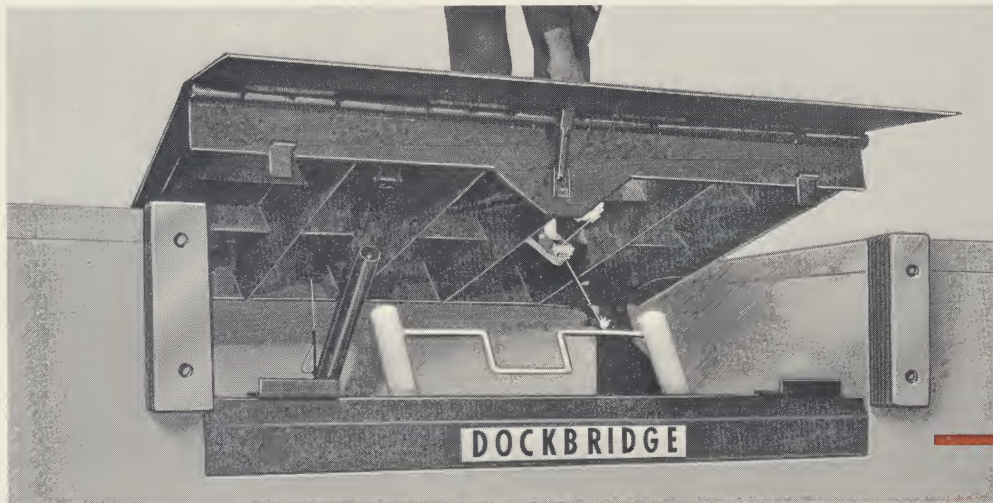
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TORSION-BAR DOCKBRIDGE

WITH **RETRACTABLE** SAFETY LEGS
For High Cube — Low Bed Trucks



With Safety Legs in normal position (as shown in Photo No. 1) the Dockbridge will service any truck that is no more than 5" below dock level.



When a high volume low bed truck is to be serviced — the operator simply pulls the lanyard (at the front of dock) — retracting the Safety Legs.



The Dockbridge can now be walked down to the full 11" below dock level. When Dockbridge is raised, Safety Legs automatically return to vertical position.

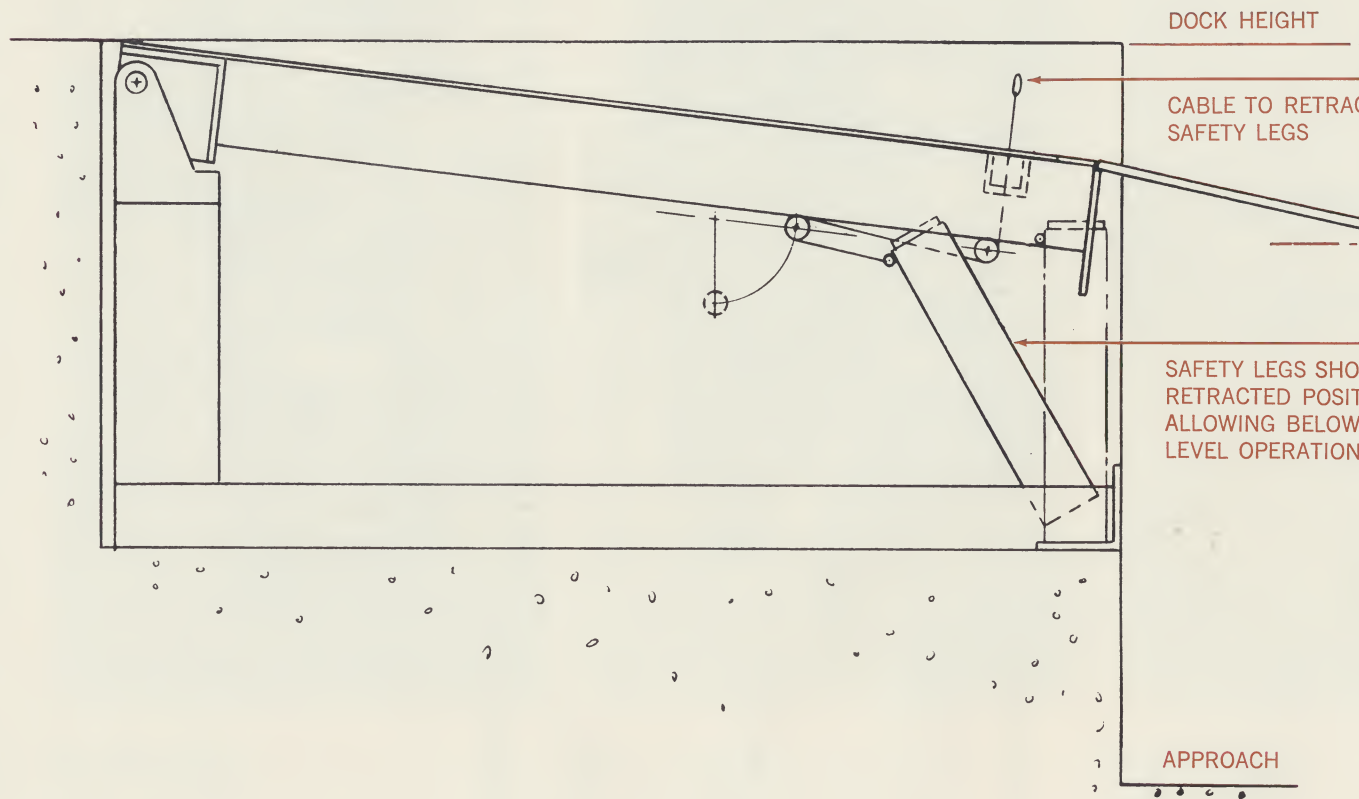


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